

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	105	(polyethylene or ethylene) same ( (carboxylic or maleic) same (silane or vinyl\$oxysilane\$2 or di\$oxysilane\$2 or tri\$oxysilane\$2 or tetra\$oxysilane\$1)) and (styrene adj maleic adj anhydride) same (improv\$ or increas\$ or enhanc\$)	US-PGPUB; USPAT	OR	OFF	2008/12/22 06:15
L3	2181	(polyethylene or ethylene) same ( (carboxylic or maleic) same (silane or vinyl\$oxysilane\$2 or di\$oxysilane\$2 or tri\$oxysilane\$2 or tetra\$oxysilane\$1))	US-PGPUB; USPAT	OR	OFF	2008/12/22 06:16
L4	105	3 and (styrene adj maleic adj anhydride) same (improv\$ or increas\$ or enhanc\$)	US-PGPUB; USPAT	OR	OFF	2008/12/22 06:16
L5	106	3 and (styrene adj maleic adj anhydride) same (improv\$ or increas\$ or enhanc\$)	US-PGPUB; USPAT	OR	ON	2008/12/22 06:16
L6	133807	crosslink\$ near8 polyethylene same (styrene adj maleic adj anhydride) near10 (improv\$ or increas\$ or enhanc\$)	EPO; JPO; DERWENT	OR	ON	2008/12/22 06:21
L7	0	crosslink\$ near8 polyethylene same (styrene adj maleic adj anhydride) near10 (improv\$ or increas\$ or enhanc\$)	EPO; JPO; DERWENT	OR	ON	2008/12/22 06:21
L8	6	crosslink\$ near8 polyethylene and (styrene adj maleic adj anhydride)	EPO; JPO; DERWENT	OR	ON	2008/12/22 06:21
L9	66	crosslink\$ near8 polyethylene same (styrene adj maleic adj anhydride)	US-PGPUB; USPAT	OR	ON	2008/12/22 06:23
L10	5	crosslink\$ near8 ethylene and (styrene adj maleic adj anhydride)	EPO; JPO; DERWENT	OR	ON	2008/12/22 06:33
L11	16	crosslink\$ near8 polyethylene.clm. and (styrene adj maleic adj anhydride)	US-PGPUB; USPAT	OR	ON	2008/12/22 06:34
L12	4	crosslink\$ near8 polyethylene and epox\$ near4 (improv\$ or increas\$)	EPO; JPO; DERWENT	OR	ON	2008/12/22 06:39
L13	5	crosslink\$ near8 polyethylene and epox\$ near4 (improv\$ or increas\$) near10 (metal\$4)	US-PGPUB; USPAT	OR	ON	2008/12/22 06:43
L14	4	polyethylene same epox\$ near4 (improv\$ or increas\$) near10 (metal\$4)	US-PGPUB; USPAT	OR	ON	2008/12/22 06:44
L15	23	polyethylene same epox\$ near8 (improv\$ or increas\$) near10 (metal\$4)	US-PGPUB; USPAT	OR	ON	2008/12/22 06:47
L16	13264	polyethylene same epox\$	EPO; JPO; DERWENT	OR	ON	2008/12/22 06:51
L17	365	polyethylene same epox\$ near8 (improv\$ or increas\$)	US-PGPUB; USPAT	OR	ON	2008/12/22 06:52
L18	78944	polyethylene near8 (blend\$ or add\$5) epox\$ near8 (improv\$ or increas\$)	US-PGPUB; USPAT	OR	ON	2008/12/22 07:02
L19	20	polyethylene near8 (blend\$ or add\$5) near10 epox\$ near8 (improv\$ or increas\$)	US-PGPUB; USPAT	OR	ON	2008/12/22 07:03

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L20	656	polyethylene near8 (blend\$ or add\$5) near10 epox\$	US-PGPUB; USPAT	OR	ON	2008/12/22 07:04
L21	283	polyethylene near8 (blend\$ or add\$5) near10 epox\$	EPO; JPO; DERWENT	OR	ON	2008/12/22 07:05
L22	4	crosslink\$ near8 polyethylene near8 (blend\$ or add\$5) near10 epox\$	EPO; JPO; DERWENT	OR	ON	2008/12/22 07:14
L23	587	water adj tree	US-PGPUB; USPAT	OR	ON	2008/12/22 07:16
L24	0	polyethylene near8 (blend\$ or add\$5) near10 styrene near4 maieic adj anhydride	US-PGPUB; USPAT	OR	ON	2008/12/22 07:19
L25	0	polyethylene near8 (blend\$ or add\$5) near10 styrene near4 malieic adj anhydride	US-PGPUB; USPAT	OR	ON	2008/12/22 07:19
L26	39	polyethylene near8 (blend\$ or add\$5) near10 styrene near4 maleic adj anhydride	US-PGPUB; USPAT	OR	ON	2008/12/22 07:19
L27	5	polyethylene near8 (blend\$ or add\$5) near10 styrene near4 carboxylic	US-PGPUB; USPAT	OR	ON	2008/12/22 07:21
L28	0	polyethylene near8 (blend\$ or add\$5) near10 styrene near4 carboxylic	EPO; JPO; DERWENT	OR	ON	2008/12/22 07:21
L29	0	polyethylene same (blend\$ or add\$5) near10 styrene near4 carboxylic	EPO; JPO; DERWENT	OR	ON	2008/12/22 07:22
L30	15	polyethylene same (blend\$ or add\$5) near10 styrene near4 carboxylic	US-PGPUB; USPAT	OR	ON	2008/12/22 07:22
L31	59	polyolefin same styrene near4 carboxylic	EPO; JPO; DERWENT	OR	ON	2008/12/22 07:24
L32	0	jp-56132709-.did.	US-PGPUB; USPAT	OR	OFF	2008/12/22 08:43
L33	2	jp-56132709-.did.	EPO; JPO; DERWENT	OR	OFF	2008/12/22 08:44
S1	18603	(adhes\$) and (polyethylene or ethylene near4 densit\$) and (carboxylic or maleic) and (silane or vinylal\$oxysilane or dial\$oxysilane or trial?oxysilane or tetraal?oxysilane)	US-PGPUB; USPAT	OR	OFF	2008/10/28 10:41
S2	364	(adhes\$) and (polyethylene or ethylene near4 densit\$) same (graft\$) and (carboxylic or maleic) same (silane or vinylal\$oxysilane or dial\$oxysilane or trial?oxysilane or tetraal?oxysilane)	US-PGPUB; USPAT	OR	OFF	2008/10/28 11:03
S3	3899	(adhes\$) and (polyethylene or ethylene near4 densit\$) same (graft\$) same ((carboxylic or maleic) or (silane or vinylal\$oxysilane or dial\$oxysilane or trial?oxysilane or tetraal?oxysilane))	US-PGPUB; USPAT	OR	OFF	2008/10/30 14:16
S4	3899	(adhes\$) and (polyethylene or ethylene near4 densit\$) same (graft\$) same ((carboxylic or maleic) or (silane or vinylal\$oxysilane or dial\$oxysilane or trial?oxysilane or tetraal?oxysilane))	US-PGPUB; USPAT	OR	OFF	2008/11/03 12:47

## EAST Search History

S5	1743	S4 and (elastomer\$ or \$5styrene same caboxylic)	US-PGPUB; USPAT	OR	OFF	2008/11/03 12:50
S6	0	S4 and (elastomer\$ and \$5styrene same caboxylic)	US-PGPUB; USPAT	OR	OFF	2008/11/03 12:50
S7	1002	S5 and (epox\$ or polyepox\$ or oxirane)	US-PGPUB; USPAT	OR	OFF	2008/11/03 12:51
S8	645	S4 and (elastomer\$ and \$5styrene near8 (\$5acrylic or carboxylic))	US-PGPUB; USPAT	OR	OFF	2008/11/03 12:55
S9	447	S8 and (epox\$ or polyepox\$ or oxirane)	US-PGPUB; USPAT	OR	OFF	2008/11/03 12:55
S10	1	("4690856").PN.	USPAT	OR	OFF	2008/11/03 13:16
S11	14	("4477513"   "4481262").PN. OR ("4690856").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/03 13:19
S12	3908	(adhes\$) and (polyethylene or ethylene near4 densit\$) same (graft\$) same ( (carboxylic or maleic) or (silane or vinyl\$oxysilane\$2 or di\$oxysilane\$2 or tri\$oxysilane\$2 or tetra\$oxysilane\$1))	US-PGPUB; USPAT	OR	OFF	2008/11/03 14:11
S13	3908	(adhes\$) and (polyethylene or ethylene near4 densit\$) same (graft\$) same ( (carboxylic or maleic) or (silane or vinyl\$oxysilane\$2 or di\$oxysilane\$2 or tri\$oxysilane\$2 or tetra\$oxysilane\$1))	US-PGPUB; USPAT	OR	OFF	2008/11/03 20:57
S14	104	(adhes\$) and (polyethylene or ethylene near4 densit\$) same (graft\$) same ( (carboxylic or maleic) same (silane or vinyl\$oxysilane\$2 or di\$oxysilane\$2 or tri\$oxysilane\$2 or tetra\$oxysilane\$1))	US-PGPUB; USPAT	OR	OFF	2008/11/03 20:59
S15	211	(adhes\$) and (polyethylene or ethylene) same (graft\$) same ( (carboxylic or maleic) same (silane or vinyl\$oxysilane\$2 or di\$oxysilane\$2 or tri\$oxysilane\$2 or tetra\$oxysilane\$1))	US-PGPUB; USPAT	OR	OFF	2008/11/03 20:59
S16	1	("5461110").PN.	USPAT	OR	OFF	2008/11/03 21:10
S17	25	("4558094"   "4612155"   "4618654").PN. OR ("5461110").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/03 21:14
S18	1579	(adhes\$) and (polyethylene or ethylene) same ( (carboxylic or maleic) same (silane or vinyl\$oxysilane\$2 or di\$oxysilane\$2 or tri\$oxysilane\$2 or tetra\$oxysilane\$1))	US-PGPUB; USPAT	OR	OFF	2008/11/03 22:13
S19	1368	S18 not S15	US-PGPUB; USPAT	OR	OFF	2008/11/03 22:14
S20	411	S19 and ( (carboxylic or maleic) or (silane or vinyl\$oxysilane\$2 or di\$oxysilane\$2 or tri\$oxysilane\$2 or tetra\$oxysilane\$1)).clm.	US-PGPUB; USPAT	OR	OFF	2008/11/03 22:15

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S21	211	(adhes\$) and (polyethylene or ethylene) same (graft\$) same ( (carboxylic or maleic) same (silane or vinyl\$oxysilane\$2 or di\$oxysilane\$2 or tri\$oxysilane\$2 or tetra\$oxysilane\$1))	US-PGPUB; USPAT	OR	OFF	2008/11/04 08:37
S22	1581	(adhes\$) and (polyethylene or ethylene) same ( (carboxylic or maleic) same (silane or vinyl\$oxysilane\$2 or di\$oxysilane\$2 or tri\$oxysilane\$2 or tetra\$oxysilane\$1))	US-PGPUB; USPAT	OR	OFF	2008/11/04 08:37
S23	1370	S22 not S21	US-PGPUB; USPAT	OR	OFF	2008/11/04 08:37
S24	411	S23 and ( (carboxylic or maleic) or (silane or vinyl\$oxysilane\$2 or di\$oxysilane\$2 or tri\$oxysilane\$2 or tetra\$oxysilane\$1)).clm.	US-PGPUB; USPAT	OR	OFF	2008/11/04 08:37
S25	2153	(polyethylene or ethylene) same ( (carboxylic or maleic) same (silane or vinyl\$oxysilane\$2 or di\$oxysilane\$2 or tri\$oxysilane\$2 or tetra\$oxysilane\$1))	US-PGPUB; USPAT	OR	OFF	2008/11/04 08:39
S26	789	S25 and ( (carboxylic or maleic) or (silane or vinyl\$oxysilane\$2 or di\$oxysilane\$2 or tri\$oxysilane\$2 or tetra\$oxysilane\$1)).clm.	US-PGPUB; USPAT	OR	OFF	2008/11/04 08:39
S27	378	S26 not S24	US-PGPUB; USPAT	OR	OFF	2008/11/04 08:39
S28	10	(US-20040116602-\$ or US-20020079125-\$).did. or (US-4732939-\$ or US-4847317-\$ or US-4908411-\$ or US-5093418-\$ or US-5461110-\$ or US-5604033-\$ or US-5993924-\$ or US-5994474-\$).did.	US-PGPUB; USPAT	OR	OFF	2008/12/21 23:22
S29	1	("20060269701").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/21 23:41
S30	2	ep-598428-\$ .did.	EPO; JPO; DERWENT	OR	OFF	2008/12/21 23:42
S31	1	(("2000086531") or ("7237331")).PN.	US-PGPUB; USPAT	OR	OFF	2008/12/21 23:44
S32	2	(("20060086531") or ("7237331")).PN.	US-PGPUB; USPAT	OR	OFF	2008/12/21 23:44
S33	3475	aluminum near5 polyethylene near5 aluminum	USPAT	OR	OFF	2008/12/21 23:45
S34	1	aluminum/polyethylene/aluminum	EPO; JPO; DERWENT	OR	OFF	2008/12/21 23:45
S35	0	metal/polyethylene/metal	EPO; JPO; DERWENT	OR	OFF	2008/12/21 23:46
S36	0	metal/ethylene/metal	EPO; JPO; DERWENT	OR	OFF	2008/12/21 23:46
S37	0	metal/PE/metal	EPO; JPO; DERWENT	OR	OFF	2008/12/21 23:46

## EAST Search History

S38	83	aluminum and (PE or polyethylene) near4 core	EPO; JPO; DERWENT	OR	OFF	2008/12/21 23:46
S39	1	("20060269701").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/22 00:01
S40	0	(polyethylene or ethylene) same ( (carboxylic or maleic) same (silane or vinyl\$oxysilane\$2 or di\$oxysilane\$2 or tri\$oxysilane\$2 or tetra\$oxysilane\$1)) and (styrene adj maleic adj anhydride)	US-PGPUB; USPAT	OR	OFF	2008/12/22 00:08
S41	287	(polyethylene or ethylene) same ( (carboxylic or maleic) same (silane or vinyl\$oxysilane\$2 or di\$oxysilane\$2 or tri\$oxysilane\$2 or tetra\$oxysilane\$1)) and (styrene adj maleic adj anhydride)	US-PGPUB; USPAT	OR	OFF	2008/12/22 00:09
S42	0	(polyethylene or ethylene) same ( (carboxylic or maleic) same (silane or vinyl\$oxysilane\$2 or di\$oxysilane\$2 or tri\$oxysilane\$2 or tetra\$oxysilane\$1)) and (styrene adj maleic adj anhydride) near8 (improv\$ or increas\$ or enhanc\$)	US-PGPUB; USPAT	OR	OFF	2008/12/22 00:10
S43	105	(polyethylene or ethylene) same ( (carboxylic or maleic) same (silane or vinyl\$oxysilane\$2 or di\$oxysilane\$2 or tri\$oxysilane\$2 or tetra\$oxysilane\$1)) and (styrene adj maleic adj anhydride) same (improv\$ or increas\$ or enhanc\$)	US-PGPUB; USPAT	OR	OFF	2008/12/22 00:10